



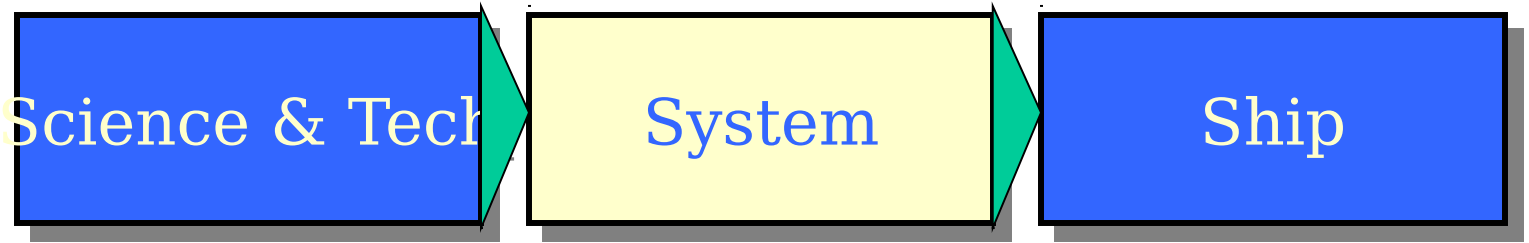
Integrated Design Process

NAVSEA 05K

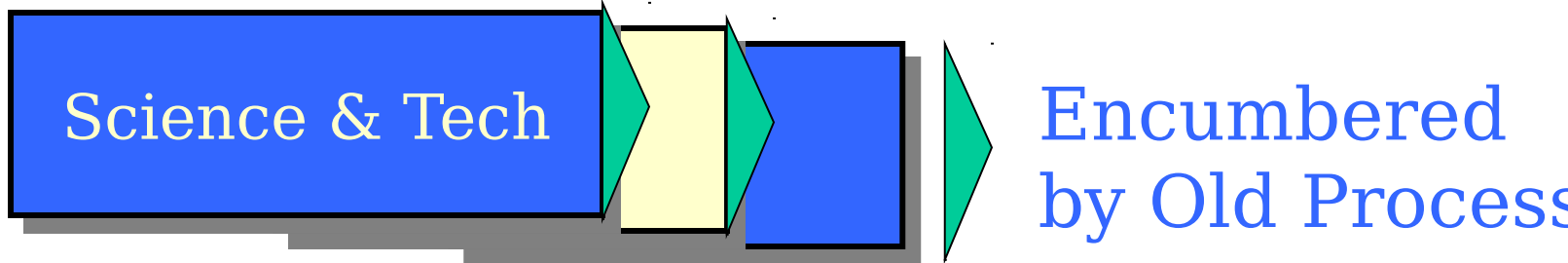
6/9/99



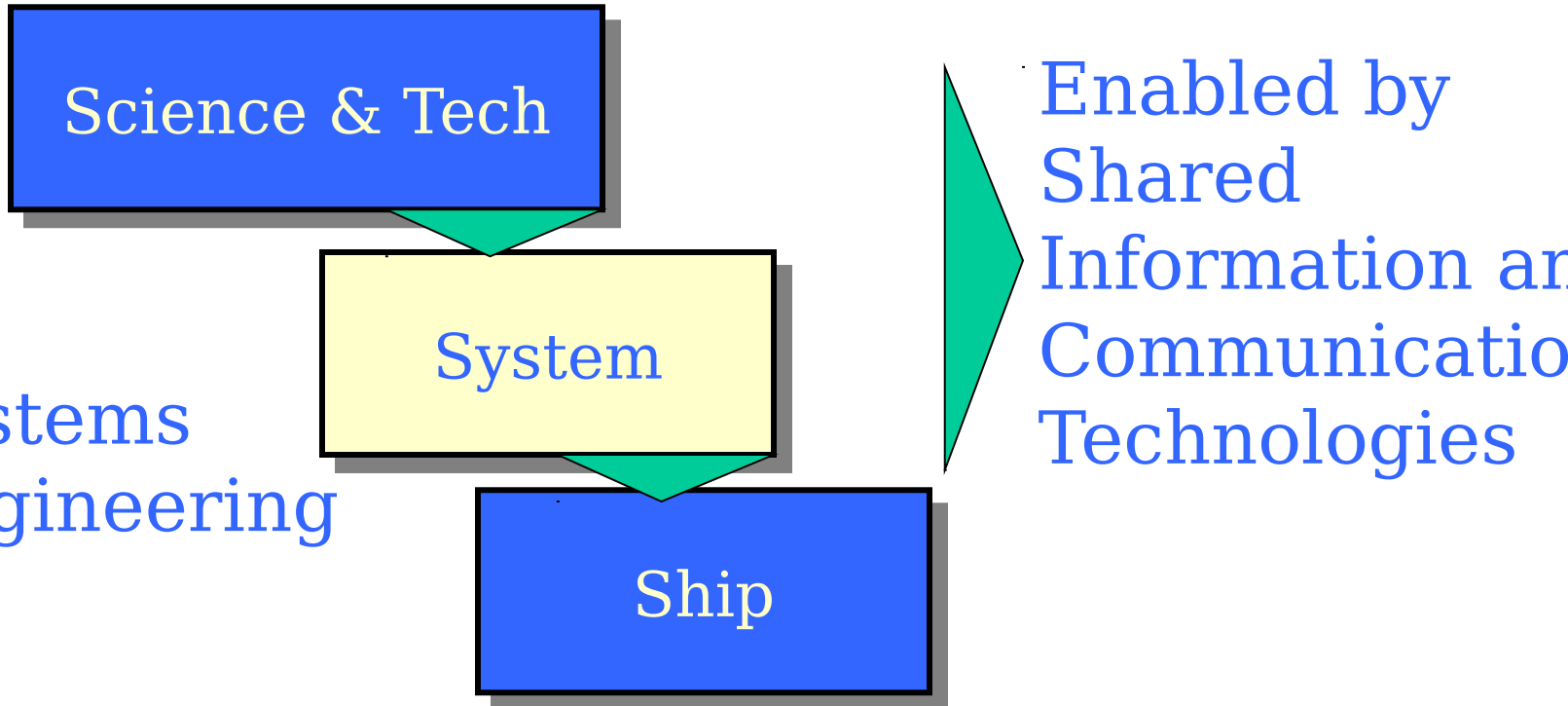
Old



Current



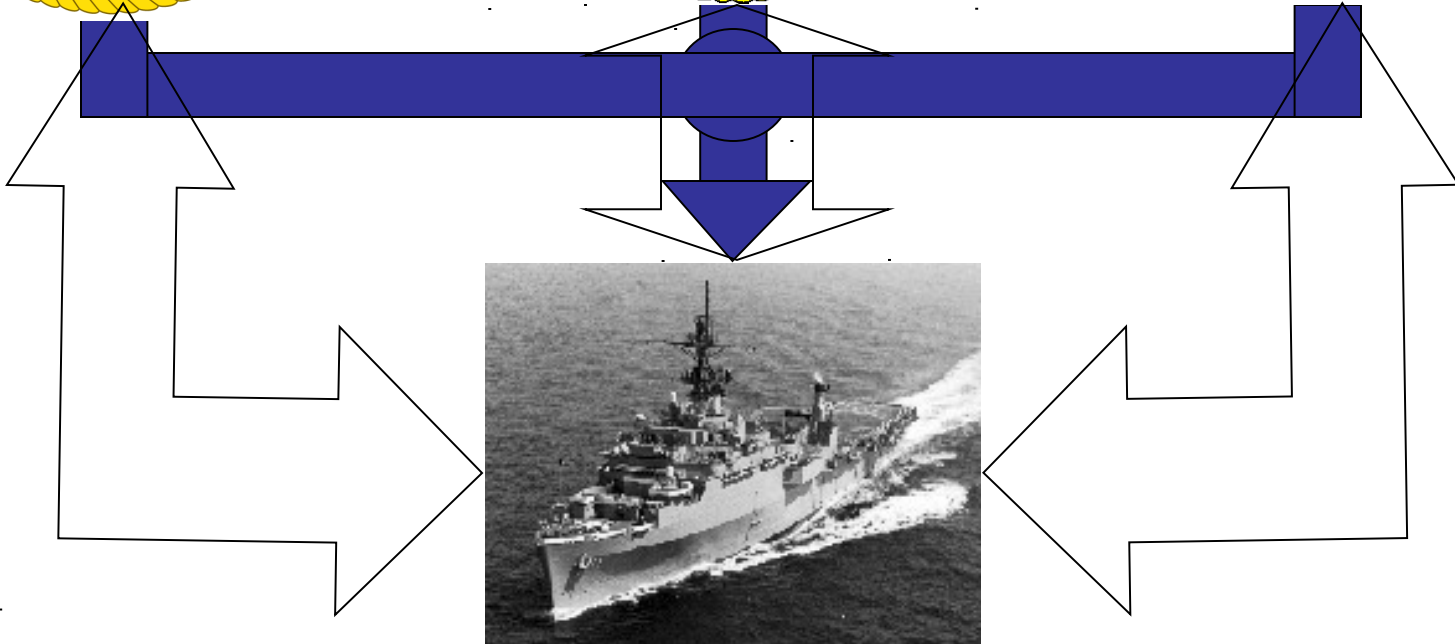
New



Design Community Serving The Fleet



SPAWAR



PCB Process - Old VS. New

- | | |
|--|--|
| <ul style="list-style-type: none">- 1 Year until Publication- SAR ?????- within 3 weeks- Comments on the Design the Design are requested by sending a Design availability is with a stack of papers- Rigid with minimal capture latest impact to design- Generates tons of papers- Minimal use to Customer to Customer | <ul style="list-style-type: none">- 30 Days until Publication- SAR on line- Comments on on line and- Design availability- Flexible to changes- Paperless- Tailored |
|--|--|

Assumptions

- Funding in place
- Clear Systems Definitions for Design
- Close Contact with SPAWAR
- Close Contact with NAVAIR
- Close Contact with Planning Yard.
- Open Interface with Ships/Staff
- Shared Information Between Design Community

LCC 19 SAR Matrix - Microsoft Internet Explorer

File Edit View Go Favorites Help

Address http://199.171.148.181/commandships/lcc19/lcc19_sar.html Links

ASDS INSTALLATION

3-M NOUN NAME	PIN. NO.	TYPE	CLASS	NUMBER	INCR.	REV
ASDS		LCC	0019	1286	.00	00

TYPE OF ALTERATION ☐ TECHNICAL ☐ MILITARY

SPECIAL CATEGORY/PROGRAM

SYSOM TPOC	☐ ORIG	TELEPHONE (703) 602-2541	CODE/ACTIVITY NAVSEA 05K416
YVETTE TANGIOS	☐ ORIG	TELEPHONE	CODE/ACTIVITY
PLANNING YARD TPOC	☐ ORIG	TITLE	CODE/ACTIVITY DATE
PLANNING YARD APPROVAL		TITLE	CODE/ACTIVITY DATE
NAVAIR/SPAWAR/OTHER (TECH. & LOG.) APPROV.		TITLE	CODE/ACTIVITY DATE
ENG. DIR. (TECHNICAL & LOGISTICS) APPROV.		TITLE	CODE/ACTIVITY DATE
SHIP PROGRAM MANAGER APPROVAL		TITLE	CODE/ACTIVITY DATE
R. DURHAM		APPLICABLE SHIPS	TITLE CATEGORY
PURPOSE		LCC 0019	

This SHIPALT provides for the installation of the Advanced Sensor Distribution System (ASDS) on the LCC 19. The ASDS System provides for the distribution and display of tactical data on a real-time basis.

Page 1 of 14 44% 17 x 22 in

Home Comments AGF 3 AGF 11 LCC 19 LCC 20

Internet zone



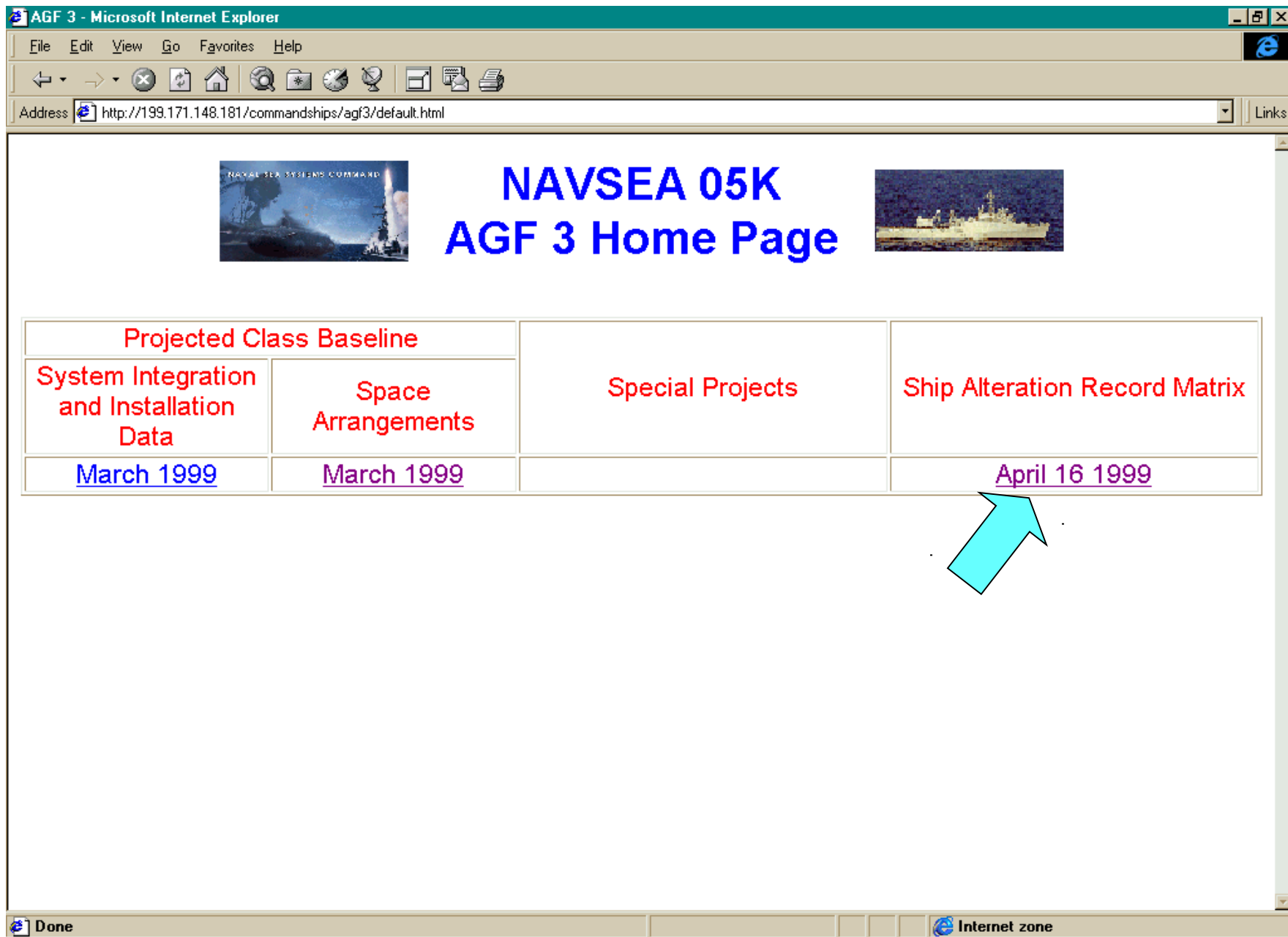
Welcome to the NAVSEA 05K Command Ship Web Page

Sponsored by Yvette Tanious - (703)602-7345x417



Comments

Ship Alt Matrix



AGF 3 SAR Matrix - Microsoft Internet Explorer

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Address http://199.171.148.181/commandships/agf3/agf3_sar.html Links

4/16/99

COMMAND SHIP SHIPALT TRACKING MATRIX

USS LASALLE

SHIP/ HULL	JCF NUMBER	ALT NO./TYPE	SHIP ALTERATION BRIEF	JCF SIGNED BY SPAWAR	JCF SIGNED BY NAVSEA	SAR DEVELOPMENT STATUS	TSR NUMBER	SAR SIGNED BY SPAWAR	SAR SIGNED BY NAVSEA	INSTALLER'S SHIP CHECK STATUS	INSTALL PLANNED/ SCHEDULED	INSTL TYPE*	INSTLR	SID STATUS T/TASKED P/FUNDED	SCHEDULING OR COMPLETION SOURCE
AGF 3	247	5014	ERRADIO GROUP (H-FRG) INSTALL	8/14/93	3/4/94	SPAWAR		8/4/94	6/25/96	C. 6/22-8/24/98	FY99 USRA		SSCCH	TF 396	
AGF 3	386	5035	SECOND EHF SATCOM INSTALL		3/25/95	SPAWAR			T.A. 04/08/96		FY00				
AGF 3	385	5036	B18H7 EW ONBOARD TRAINER		3/25/95	SEA 05K									
AGF 3	403	5041	AN/FCC-100V12 RPL		9/25/95	SPAWAR	C118D0013	Yes, no date	T.A. 08/20/98						
AGF 3	420	5042	C-TAPS HOST/REMOTE INSTALL		9/25/95	SPAWAR	C118D0042	8/18/97							
AGF 3	434	5045	AN/SRC-1(V) INSTALL (CWTS)		3/11/96	SPAWAR		4/1/96			FY00				
AGF 3	433	5046	INSTALL RFDC(CIRCUIT 27TV)	N/A	3/11/96	SEA 05K			T.A. 11/24/1997						
AGF 3	361	5049	MCDS INSTALL		5/9/96	SPAWAR									
AGF 3	463	5050	NAVY EHF COMM CONTROLLER INST		4/19/96	SPAWAR	C118D0066	12/16/96	T.A. 08/20/98						
AGF 3	451	5053	AN/WSC-5(V) SHF SATCOM INSTALL			SPAWAR		7/15/98	Hold at PY 2/99	Q2 FY99	Q3 FY99		SSCCH		
AGF 3	450	5056	JHS-31 INSTALL		6/26/96	SPAWAR		2/28/96							
AGF 3	366	5059	HYDRA TRUNKING LAND MOBILE RADIO		9/20/96	PY									
AGF 3	473	5071	AN/USC-144V12 AUNIS BUILD 2 (Dun)	7/10/97	3/17/98	SPAWAR	C118D0025	NEW 2/20/97	T.A. 08/21/98	C. 1/2/98	Q3	PBA	SSCCH		Instal. 5/30-10/15/98
AGF 3		5064	CREATE ADP SPACE	N/R	N/R	SEA05K	TC16D0268		PY Signed 9/26/98						
AGF 3	491	5068	UHF SATCOM 5 KHZ UPGRADE	4/22/97	11/21/97	SPAWAR			T.A. 02/04/98		10/22-12/6/97	PBA	SSCCH		SSCCH R0210542 10/97
AGF 3	429	5069	AN/SRC-6 BGRIES ARS-ST INSTALL		1/30/98	SPAWAR				C. 6/27/98		PBA	SSCCH		
AGF 3	325	5070	CHBDL-ST INSTALL		1/30/98	SPAWAR				C. 6/27/98		PBA	SSCCH		
AGF 3	484	5075	BATTLE FORCE E-MAIL INSTALL		11/20/97	SPAWAR			PY 06/30/98						
AGF 3	499	5076	INSTALL JMWTS 98		6/30/97	SPAWAR									
AGF 3	485	5085	INMARSAT B SYSTEM		11/20/97	SPAWAR									
AGF 3	489	5087	JTT/CBS M INSTALL		11/21/97	SPAWAR									
AGF 3	428	5088	INSTALL AN/SRC-25B(V)		7/18/97	SEA 05K									
AGF 3	477	5089	PC AUX TTY FOR AN/USC-38(V)		11/21/97	SPAWAR									
AGF 3	466	5090	TLAM MOD VIA EHF SATCOM INST		11/21/97	SPAWAR									
AGF 3	493	5091	UPGRADE AN/UMQ-12 TO GPS CONFIG	6/26/97	3/20/97	SPAWAR			T.A. 8/24/98		COMPLETE	PBA	SSCCH	PY apvrd SIDs	
AGF 3	484	5092	ENHANCED VHF COMM SYS IMPROVE		5/26/98	SPAWAR	C117D0256	05F 10/14/97	T.A. 12/01/98						
AGF 3	506	5096	ASOS FOR RADDS		11/27/97	SEA 05K									
AGF 3	507	5097	AD9		4/3/99	FMW159									
AGF 3	502	5099	TV DIRECT TO SAILORS	4/9/97	6/30/98	SPAWAR	C118D0175	10/26/98	at PY 10/28/98	C. 6/22-6/24/98	FY99	PBA	SSCCH		PMW 176-184 10/97
AGF 3	504	5100	AFLDCT TELECOMM SERVICE DUAL SYS		6/12/98	SPAWAR				C. 6/22-6/24/98					
AGF 3	505	5101	GLOBAL BROADCAST SERVICE (2nd Ant)	4/9/97	10/9/98	SPAWAR	C118D0199	11/17/98	at PY 3/99	C. 6/22-6/24/98	FY99				
AGF 3	496	5108	AN/SPS-7(V)12 Surf Nav Radar	N/A	11/21/97	SEA 05K PRELIM	C12B00050	N/A	9/16/98						
AGF 3	510	5110	DELTA	N/A	11/20/97	SEA 05K DRAFT				C. 6/22-6/24/98					
AGF 3	515	5116	IT-21 LAN		4/26/98	SPAWAR				1/16-1/23/98	4/7-9/30/98	PBA	SSCCH		COMPLETE
AGF 3		5140	SMALL EXPANSION PROJECT	N/A											
AGF 3	530	5146	INVISION	N/A	9/23/98	SEA 05K			N/A						
AGF 3	518	5150	NTCSB		3/27/98	SPAWAR	C12BD0169	8/14/98							
AGF 3	529	5155	NATO HF MODEM INSTALL		8/24/98	SPAWAR									
AGF 3	495	5156	GCSS PHASE III INSTALL		6/12/98	SPAWAR									
AGF 3	532	5159	MDR COMMS VIA EHF SATCOM (ANT)		8/24/98	SPAWAR									
AGF 3	531	5160	AN/UMK-4 NTES I & II		8/25/98	SPAWAR					FY00				
AGF 3		5162	INSTALL NAVSSI BLOCK 3			SPAWAR	C18D0100								
AGF 3	533	5165	MDR COMMS VIA EHF SATCOM (BB)		8/24/98	SPAWAR									
AGF 3		5167	AN/SSQ-12(V) TADY SWITCH SYS	11/30/98	12/2/98	SPAWAR									
AGF 3	541	5171	MSSPCS INSTALL	7/7/98	1/15/99	SPAWAR	C119D0008	1/14/99		FY 99 Q2	FY 99 Q4	SSCSD			
AGF 3	506		INSTALL MDS LINK 16 (JIDS)		7/3/97	SPAWAR									

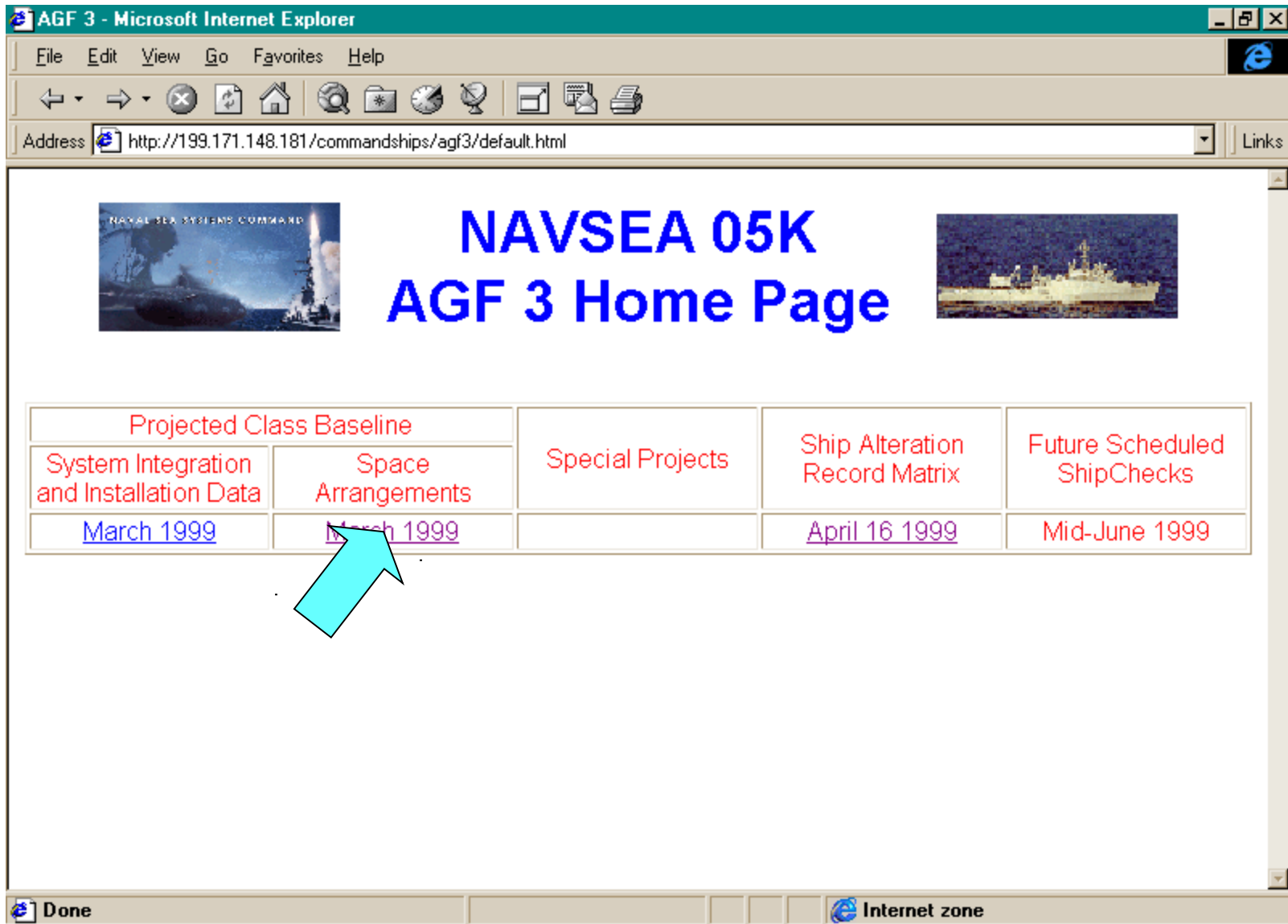
Page 1 of 1 100% 17 x 11 in

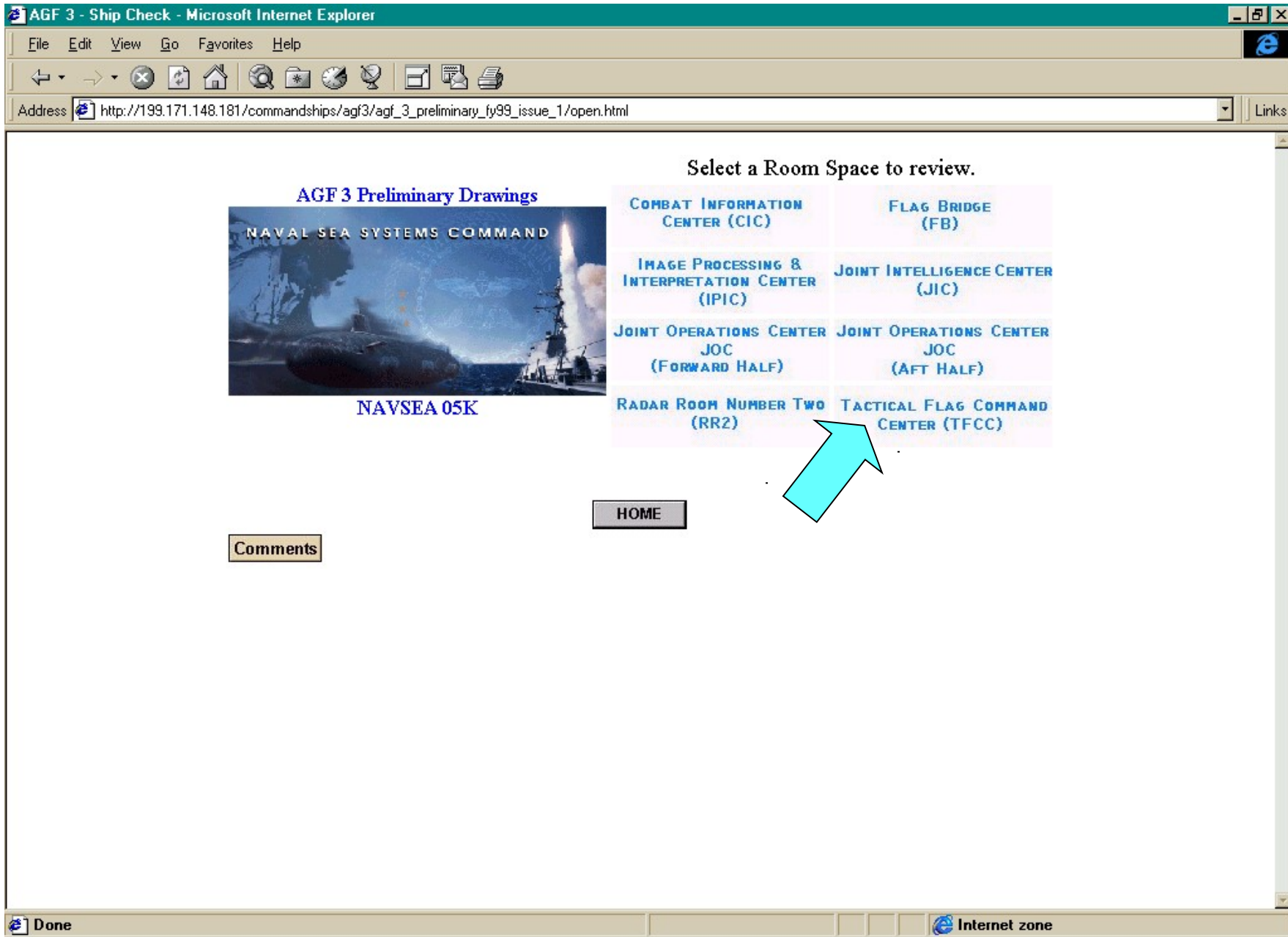
Home Comments AGF 3 AGF 11 LCC 19 LCC 20

Done Internet zone

Deliverables

- JCF/SAR on line
- Shipcheck Photo Arrangements







AGF 3 - Tactical Flag Combat Center (TFCC) - Microsoft Internet Explorer

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Address C:\Command Ship Web Page\AGF3\lfccequipdwg.html Links

[BACK](#) **Tactical Flag Combat Center (TFCC)** [DOWNLOAD](#)
(02-52-0-C)
Equipment Number Plan View *

Tactical Force Command...

OPERATOR WORKSTATION

ADMIRAL
BWC
WATCH SUP
SURF
USW
DBM
C2W
IPO
SDO
AIR

Last Updated on 1/20/99

C2W Operator Workstation

10'
8'
6'
4'
2'
0
24"
12'

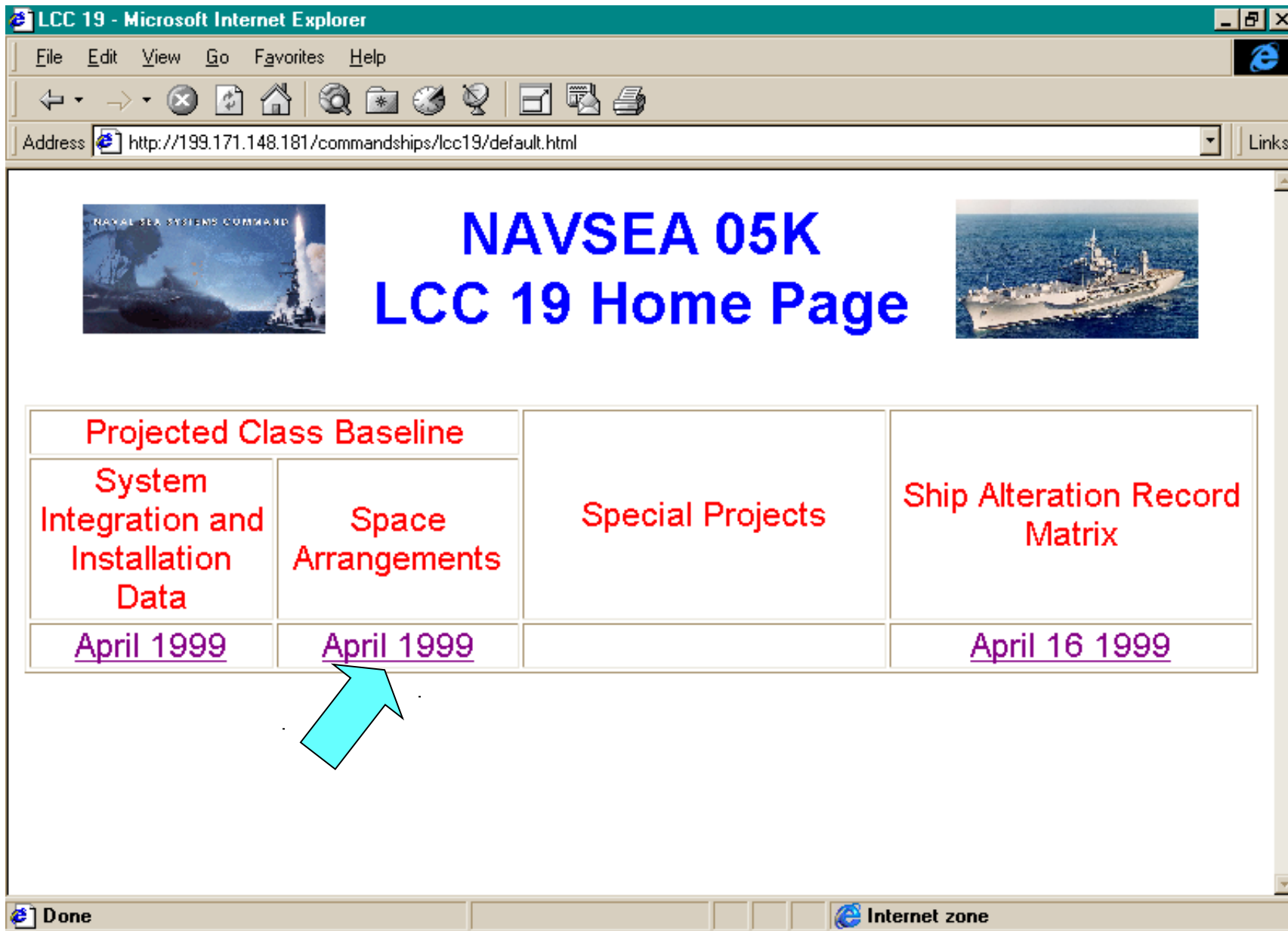
24' 0 2' 4' 6' 8' 10'

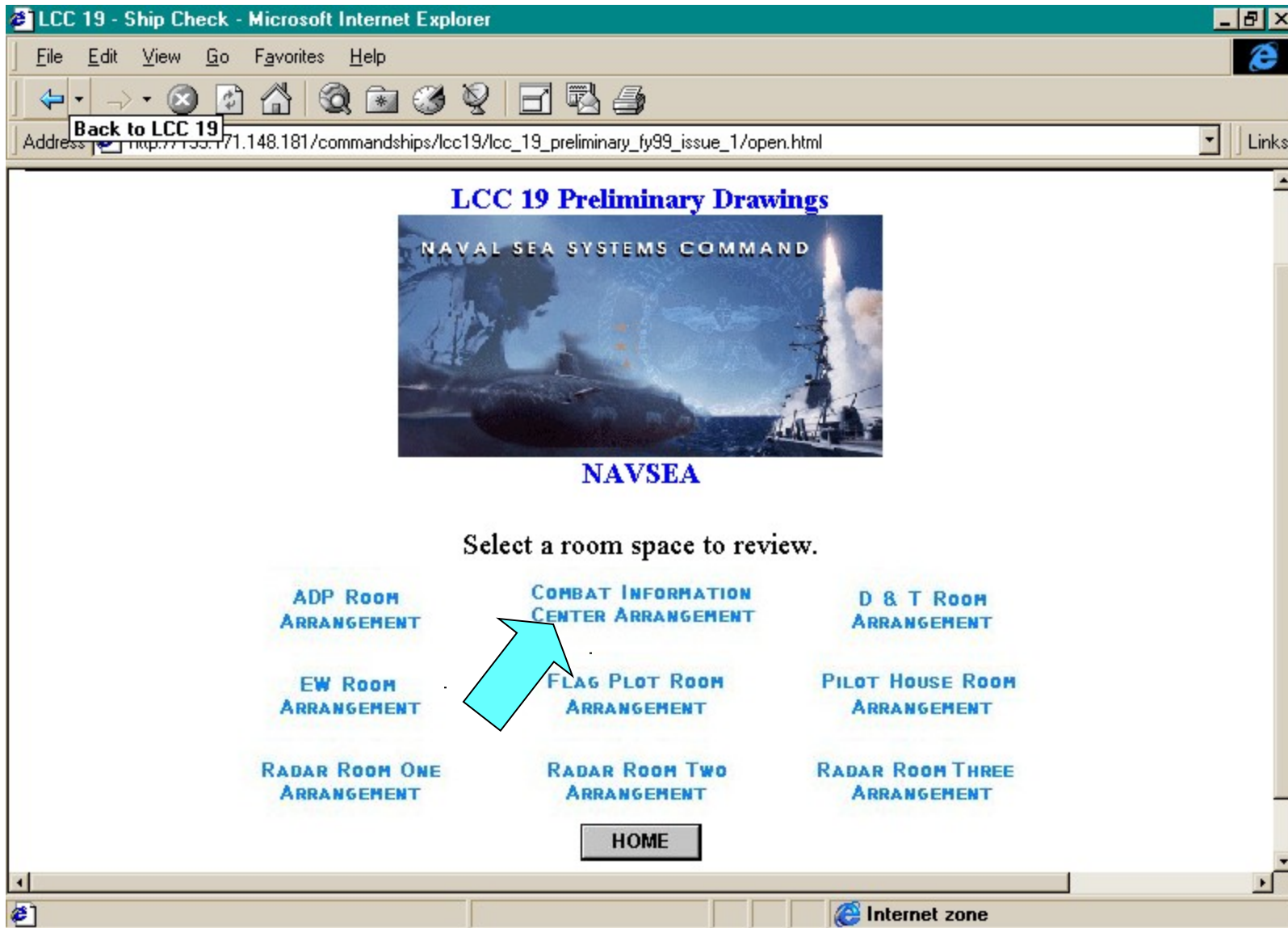
C2W Operator Workstation My Computer

Arrangement Deliverables

- JCF/SAR on line
- Shipcheck Photo Arrangements
- Shipcheck Sketches (Current Configuration)
- SHIPALT/Design Impact Sketches







NAVAL SEA SYSTEMS COMMAND
WASHINGTON, VA 22242-5160

SHIP INFORMATION RECORD

SHIP NAME: [REDACTED] ESWBS: [REDACTED]

ASDS INSTALLATION

3-M NOUN NAME	FIN. NO.	TYPE	CLASS	NUMBER	INCR.	REV
ASDS	[REDACTED]	LCC	0019	1286	.00	00

EQUIPMENT LIST

REV	ITEM NO.	QTY REQD	NOMENCLATURE	DRAWING OR SPECIFICATION NO.	SHIPALT NO.	REMARKS
		N	R	E	TYPE NO.	ITEM NAME
	6	1				COMMAND TABLE
	7		1			DRT CABINET
	8		1			FIRE EXTINGUISHER, CO2
	9	2				RADIO TABLE

System provides for the distribution and display of tactical

Page 1 of 14 | 51% | 17 x 22 in

Done Internet zone

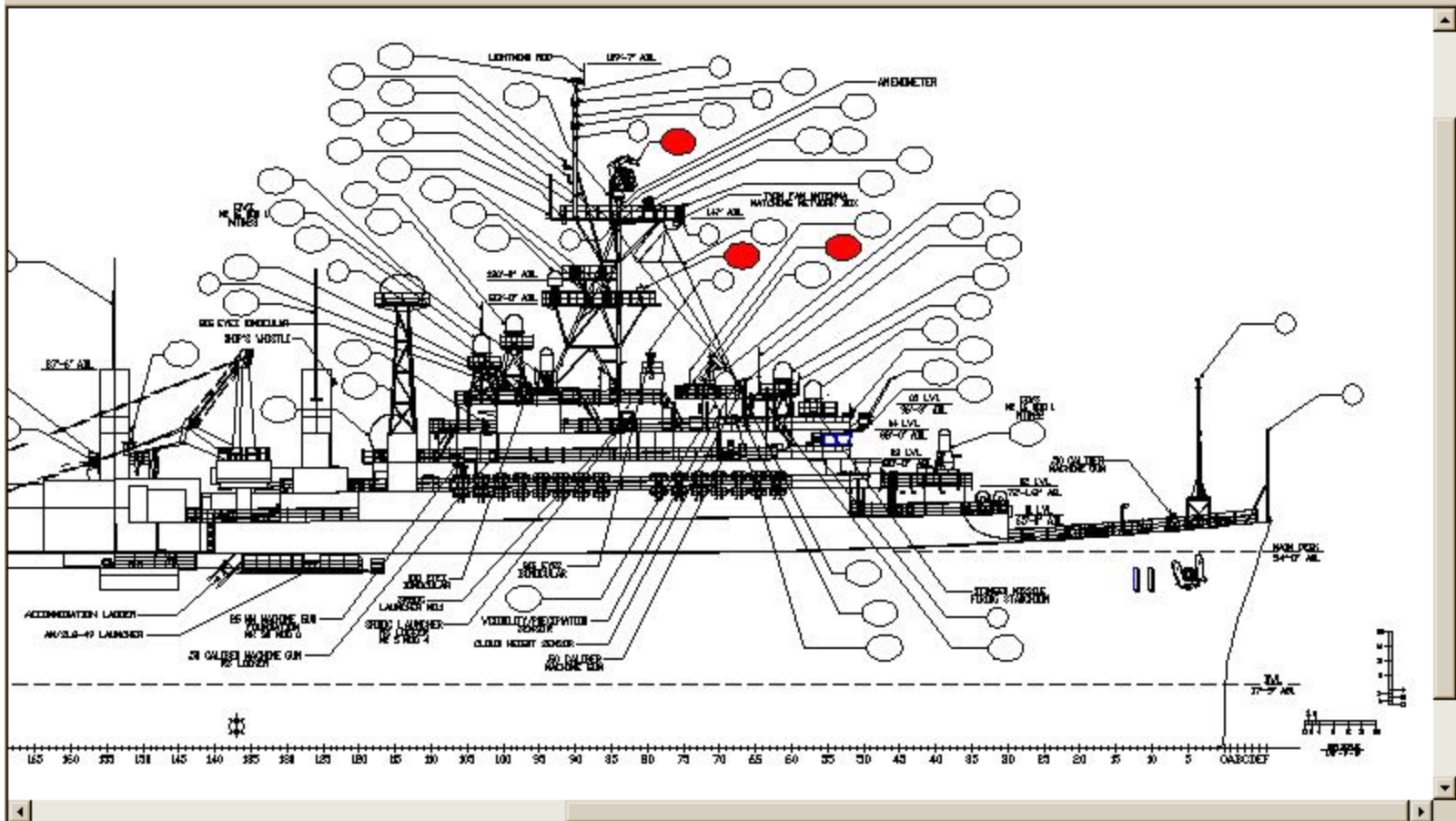
Arrangement Deliverables

- JCF/SAR on line
- Shipcheck Photo Arrangements
- Shipcheck Sketches (Current Configuration)
- SHIPALT/Design Impact Sketches
- Topside

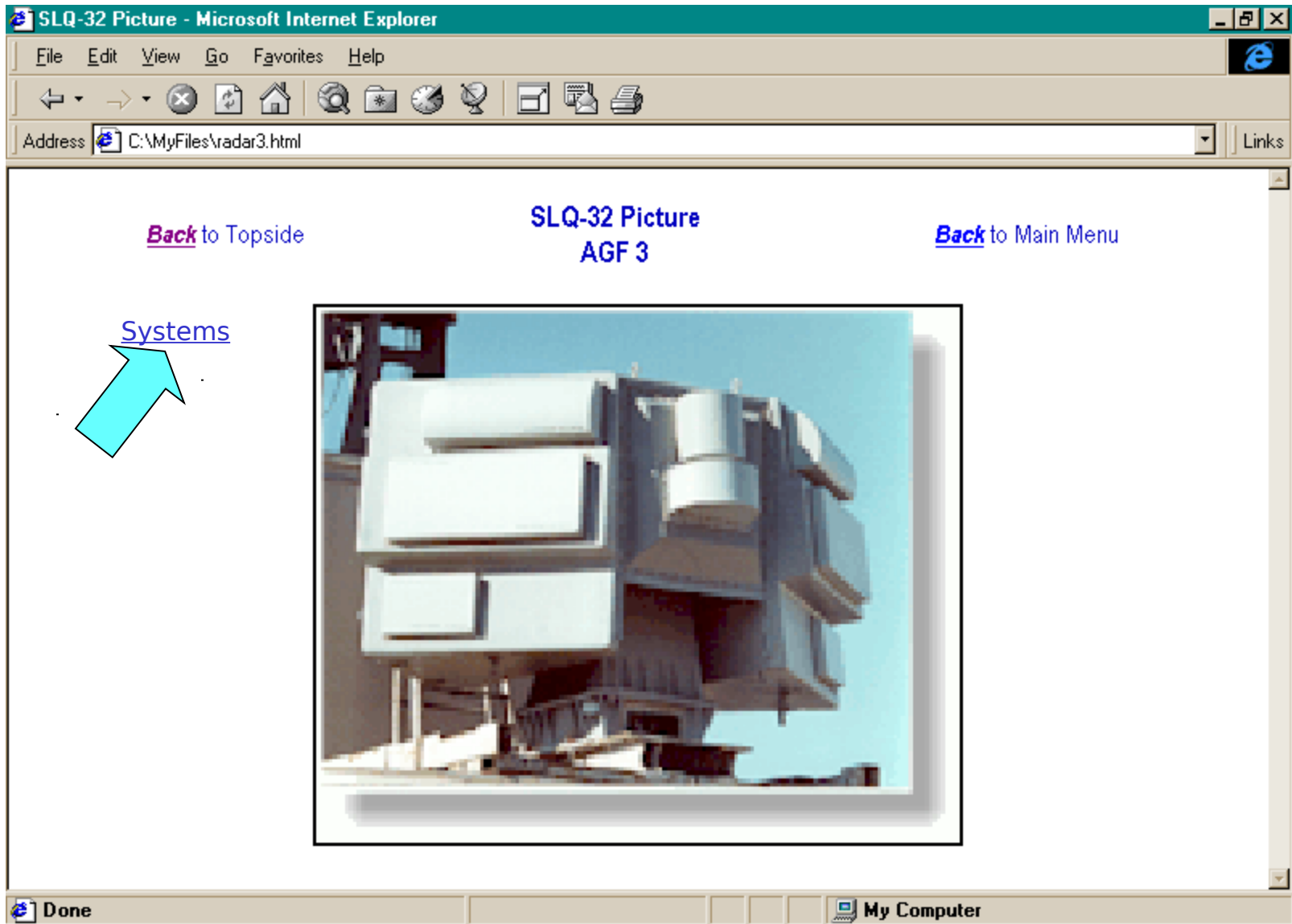


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Links







LCC 19 Functions, Parameters and Characteristics Listing Preliminary FY99 Issue 1 XXX-XXXXXXX 1 - Microsoft Internet Explorer

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Configuration

Communications Management

- Command and Control
- EW and Air Navigation
- Weapon Systems

SYSTEMS:

Command and Surveillance

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S)
- INTRQTR SYS (S)
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigation

- AN/SLQ-32A(V)3**
- AN/ULQ-16(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/B
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MG

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List INTERFACES Systems Equipment References History Attachments

Wed Apr 21 14:40:21 1999

GENERAL DESCRIPTION

The Countermeasures (CM) Set AN/SLQ-32A is an Electronic Warfare (EW) system that provides Electronic Support Measures (ESM) and Electronic Countermeasures (ECM) capabilities to support the ship's missions. The AN/SLQ-32A functions under computer control with operator management to detect, analyze, identify, track, and treat-evaluate intercepted electromagnetic signals. The AN/SLQ-32A includes a jamming capability for the prevention or delay of targeting and launch of missiles, and also for the seduction away from their targets of any missile that are launched.

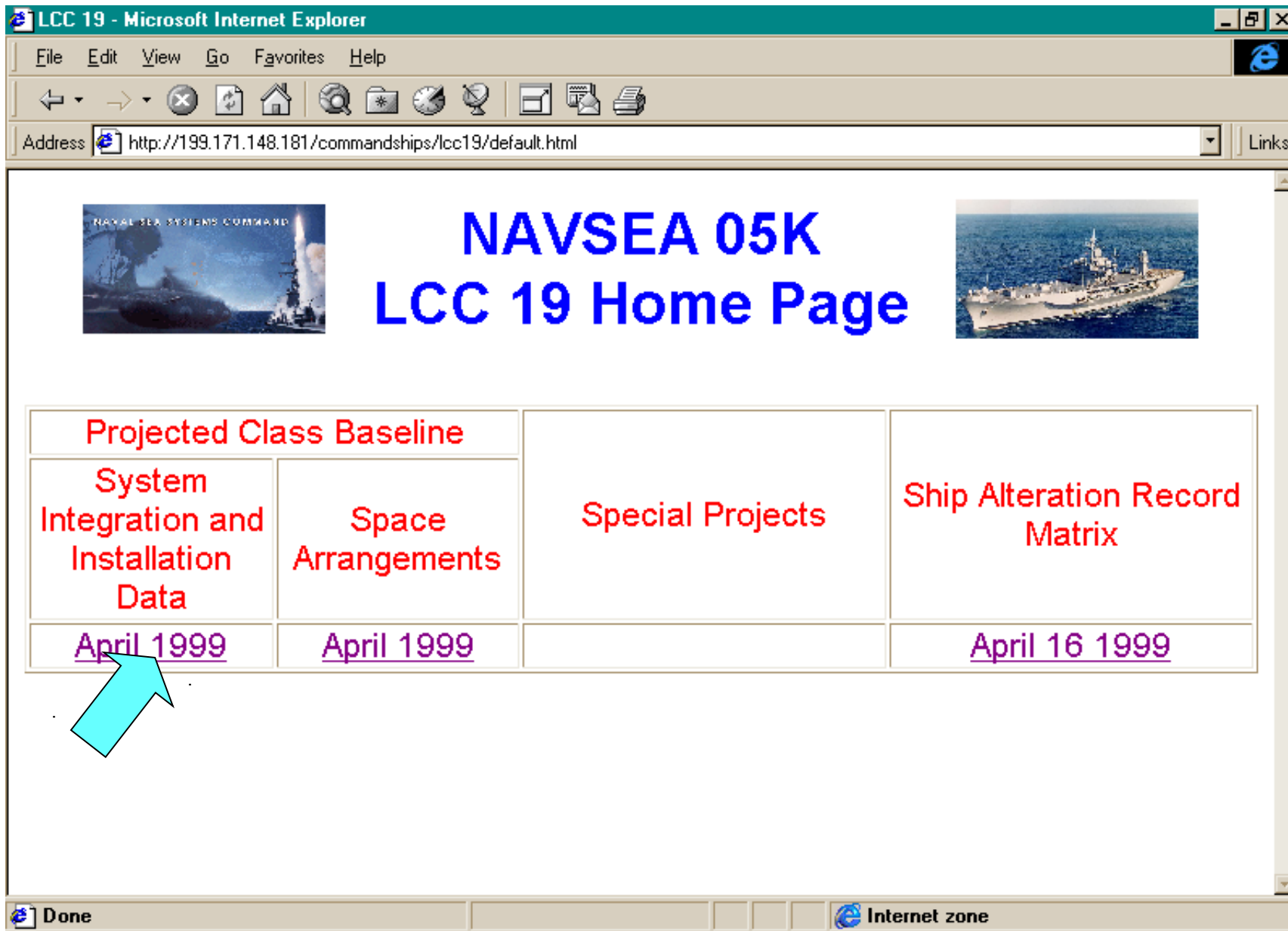
Included with the AN/SLQ-32A is the Electronic Warfare On-Board Trainer (EW OBT) S10H7, a Personal Computer (PC) based training system, which synthesizes and injects simulated, programmable emitter contact signals into AN/SLQ-32A EW equipment in support of dockside or at-sea training exercises. Digital and video/audio training signals representing the ship's electromagnetic environment are injected into EW system components, and are conditioned to simulate the signal characteristics of a large cross section of platform emitters. The EW OBT is capable of running either preprogrammed or dynamically built scenarios via PC interface, and it is capable of simulating over 150 emitters simultaneously. EW OBT scenarios can be either locally controlled to provide operator level training, or externally driven to support integrated Combat System team level training. The EW OBT utilizes the embedded training device to interface with EW components and provide emitter simulation, which is compatible with the on-line threat library, operator control requests, signal analysis capability, and close control. Simulated emitter characteristics specified by the scenario are selected and controlled by the embedded training device relational database management system software.



TSIMS Volume 3: FPAC Internet zone

Systems Deliverables

- Physical Design Document
 - Provides an Equipment to Equipment **physical description** at an **equipment integration** level



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[Abstract](#)

- [Purpose](#)
- [Scope](#)
- [General Reference](#)

[Configuration](#)

[Communications Management](#)

[Command and Control](#)

- [EW and Air Navigation](#)
- [Weapon Systems](#)

SYSTEMS:

[Command and Surveillance](#)

- [AN/SPS-40E](#)
- [AN/SPS-67\(V\)1](#)
- [FURUNO FCR-14](#)
- [INTRQTR SYS \(S\)](#)
- [INTRQTR SYS \(S\)](#)
- [AN/APX-72](#)
- [AN/UPA-59](#)
- [AN/SPQ-14\(V\)](#)

[EW and Air Navigation](#)

- [AN/SLQ-32A\(V\)3](#)
- [AN/ULQ-16\(V\)2](#)
- [AN/SLA-10B](#)

FUNCTIONS, PARAMETERS AND CHARACTERISTICS LIST (FPAC)



Preliminary FY99 Issue 1

16 April 1999

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[Configuration](#)

[Communications Management](#)

- [Command and Surveillance Systems](#)
- [EW and Air Navigation Systems](#)
- [Weapon Systems](#)

SYSTEMS:

[Command and Surveillance Systems](#)

- [AN/SPS-40E](#)
- [AN/SPS-67\(V\)1](#)
- [FURUNO FCR-1411](#)
- [INTRGTR SYS \(SPS-40\)](#)
- [INTRGTR SYS \(SPS-67\)](#)
- [AN/APX-72](#)
- [AN/UPA-59](#)
- [AN/SPQ-14\(V\)](#)

[EW and Air Navigation Systems](#)

- [AN/SLQ-32A\(V\)3](#)
- [AN/ULQ-16\(V\)2](#)
- [AN/SLA-10B](#)

CONFIGURATION TABLE

Wed Apr 21 13:07:53 EDT 1999

Command & Surveillance Systems

System	Qty	Status	GFE	PARM
Radar Set AN/SPS-40E	1	Baseline	X	PMS 440.3
Radar Set AN/SPS-67(V)1	1	Baseline	X	PMS 440.3
Furuno Color Radar FCR-1411 Mark-3	1	Baseline		N/A
Interrogator System (SPS-40)	1	Baseline	X	PMA 2131
Interrogator System (SPS-67)	1	Baseline	X	PMA 2131
Transponder System AN/APX-72	1	Baseline	X	PMA 2131
Decoder Group AN/UPA-59	1	Baseline	X	PMA 2131
Advanced Sensor Distribution System AN/SPQ-14(V)	1	Baseline	X	PMS 4405B2

EW and Air Navigation Systems

System	Qty	Status	GFE	PARM
Countermeasures Set AN/SLQ-32A(V)3	1	Baseline	X	NSWC CRANE DIV
Pulse Analyzer Set AN/ULQ-16(V)2	1	Baseline	X	NSWC CRANE DIV
Blanker-Video Mixer Group AN/SLA-10B	1	Baseline	X	NSWC CRANE DIV
Torpedo Countermeasures Transmitting Set AN/SLQ-25A	1	Baseline	X	PMS (USW) 427E
Launching System Mk 36 Mod 6	1	Baseline	X	PEO TAD SC PMS 473-2A
Decoy Launching System Mk 50 Mod 1	1	Baseline	X	PEO(TAD)D241
Tactical Air Navigation System	1	Baseline	X	PMA 251D6

Weapon Systems

System	Qty	Status	GFE	PARM
Close-In Weapon System Mk 15 Mod 12	2	Baseline	X	PEO EXW PMS 472
.50 Machine Gun System M2 HB	6	Baseline	X	PMS 325J
25mm Machine Gun System Mk 38 Mod 0	2	Baseline	X	PMS 429F1

TSIMS Volume 3: FPAC

Internet zone

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[Configuration](#)

Communications Matrix

- Command and Surveillance Systems
- EW and Air Navigation Systems
- Weapon Systems

SYSTEMS:

Command and Surveillance Systems

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUND FCR-14
- INTRGR SYS (S)
- INTRGR SYS (S)
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigation Systems

- AN/SLO-32A(V)3
- ULQ-16(V)2
- AN/SLA-10B
- AN/SLO-25A
- LS MK 36/V
- DLS MK 50/V
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/V2
- M2 HB MGS

Wed Apr 21 14:32:43 EDT 1999

Communications Matrix for EW and Air Navigation Systems

Status	System	PARAM	SPS-40E	SPS-67	FCR-1411	INTRGR(40)	INTRGR 67	AN/APX-72	UPA-59	SPQ-14		SLO-32A	ULQ-16	SLA-10B	SLO-25A
B/L	SLO-32A	NSWC CRANE DIV										SLO-32A	VE	TB	
B/L	ULQ-16	NSWC CRANE DIV										ULQ-16	VE		
B/L	SLA-10B	NSWC CRANE DIV		TB	TB							SLA-10B	TB		
B/L	SLO-25A	PMS (USW) 427E										SLO-25A			
B/L	LS MK 36	PEO TAD SC PMS 473-2A										LS MK 36	CS		
B/L	DLS MK 50	PEO(TAD)D241										DLS MK 50			
B/L	TACAN	PMA 251D6										TACAN			

LEGEND:

- A - AUDIO
- CS - CONTROL & STATUS
- NA - NAVIGATION ANALOG
- SS - SHIP SUPPORT
- TB - TRIGGER BLANKING
- VE - VIDEO EW

TSIMS Volume 3: FPAC

Internet zone

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Configuration

Communications Management

- Command and Control Systems
- EW and Air Navigation
- Weapon Systems

SYSTEMS:

Command and Surveillance

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S)
- INTRQTR SYS (S)
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigation

- AN/SLQ-32A(V)3
- AN/ULQ-16(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/B
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MGS

Countermeasures Set AN/SLQ-32A(V)3

General Description

Block Diagram

Equipment List

INTERFACES

References

Systems

Equipment

History

Alterations

Notes

Wed Apr 21 14:40:21 1999

GENERAL DESCRIPTION

The Countermeasures (CM) Set AN/SLQ-32A is an Electronic Warfare (EW) system that provides Electronic Support Measures (ESM) and Electronic Countermeasures (ECM) capabilities to support the ship's missions. The AN/SLQ-32A functions under computer control with operator management to detect, analyze, identify, track, and treat-evaluate intercepted electromagnetic signals. The AN/SLQ-32A includes a jamming capability for the prevention or delay of targeting and launch of missiles, and also for the seduction away from their targets of any missile that are launched.

Included with the AN/SLQ-32A is the Electronic Warfare On-Board Trainer (EW OBT) S10H7, a Personal Computer (PC) based training system, which synthesizes and injects simulated, programmable emitter contact signals into AN/SLQ-32A EW equipment in support of dockside or at-sea training exercises. Digital and video/audio training signals representing the ship's electromagnetic environment are injected into EW system components, and are conditioned to simulate the signal characteristics of a large cross section of platform emitters. The EW OBT is capable of running either preprogrammed or dynamically built scenarios via PC interface, and it is capable of simulating over 150 emitters simultaneously. EW OBT scenarios can be either locally controlled to provide operator level training, or externally driven to support integrated Combat System team level training. The EW OBT utilizes the embedded training device to interface with EW components and provide emitter simulation, which is compatible with the on-line threat library, operator control requests, signal analysis capability, and close control. Simulated emitter characteristics specified by the scenario are selected and controlled by the embedded training device relational database management system software.



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Communications Management

- [Command and Control](#)
- [EW and Air Navigation](#)
- [Weapon Systems](#)

SYSTEMS:

Command and Surveillance

- [AN/SPS-40E](#)
- [AN/SPS-67\(V\)1](#)
- [FURUND FCR-14](#)
- [INTRQTR SYS \(S\)](#)
- [INTRQTR SYS \(S\)](#)
- [AN/APX-72](#)
- [AN/UPA-58](#)
- [AN/SPQ-14\(V\)](#)

EW and Air Navigation

- [AN/SLQ-32A\(V\)3](#)
- [AN/ULQ-16\(V\)2](#)
- [AN/SLA-10B](#)
- [AN/SLQ-25A](#)
- [LS MK 36/6](#)
- [DLS MK 50/1](#)
- [TACAN SYSTEM](#)

Weapon Systems

- [CIWS MK 15/12](#)
- [M2 HB MG](#)

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram **Equipment List** INTERFACES Systems Equipment References History Alterations Notes

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OVERALL BLOCK DIAGRAM

LEGEND: ——— ANALOG
- - - DIGITAL

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Configuration

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List INTERFACES Systems Equipment References History Alterations Notes

QTY REQ			NOMENCLATURE		GFE	ITEM NO.	DWG OR SPEC NO.	SHIPALT NO.	LOCATION	REMARKS	COMP NA
N	M	E	ITEM NAME	TYPE NO.							
		1	Display Console	OJ-446C/SLQ-32(V)	X	0001		1321K	COMBAT INFORMATION CENTER		OJ-446C
		1	Footswitch	799		0001		1321K	COMBAT INFORMATION CENTER		SYM 799 F
		1	Headset	15/AIC	X	0001		1321K	COMBAT INFORMATION CENTER		H-157
		1	Electrical Equipment Cabinet	CY-7724B/SLQ-32(V)	X	0001	807-5037021		EW EQUIPMENT ROOM		CY-7724B
		1	Electrical Equipment Cabinet	CY-7727A/SLQ-32(V)	X	0001	807-5037021		EW EQUIPMENT ROOM		CY-7727A
		1	Electrical Equipment Cabinet	CY-7772A/SLQ-32(V)	X	0001	807-5037021		EW EQUIPMENT ROOM		CY-7772A
		1	Electrical Equipment Mounting Base	MT-6066/SLQ-32(V)	X	0001			TOPSIDE		MT-6066
		1	Countermeasures Equipment Enclosure	CW-1186B/SLQ-32(V)	X	0001			TOPSIDE	Antenna 7-20	CW-1186B
		1	Antenna Assembly	AS-3316/SLQ-32(V)	X	0001			TOPSIDE	Antenna 7-22	AS-3316
		1	Electrical Equipment Mounting Base	MT-6066/SLQ-32(V)	X	0002			TOPSIDE		MT-6066
		1	Countermeasures Equipment Enclosure	CW-1186B/SLQ-32(V)	X	0002			TOPSIDE	Antenna 7-21	CW-1186B
		1	Antenna Assembly	AS-3316/SLQ-32(V)	X	0002			TOPSIDE	Antenna 7-23	AS-3316
		1	EW Onboard Trainer	S10H7		0001		1321K	COMBAT INFORMATION CENTER		S10H7 EW
		1	486 Personal Computer			0001		1321K	COMBAT INFORMATION CENTER		486 PC
		1	Keyboard			0001		1321K	COMBAT INFORMATION CENTER		KEYBOARD
		1	Monitor			0001		1321K	COMBAT INFORMATION CENTER		MONITOR
		1	Printer			0001		1321K	COMBAT INFORMATION CENTER		PRINTER
		1	Trackball			0001		1321K	COMBAT INFORMATION CENTER		TRACKBAL
		1	Liquid-To-Liquid Heat Exchanger	HD-1054A/SLQ-32(V)	X	0001			EW EQUIPMENT ROOM		HD-1054A
		1	Power Distribution Box	J-3593A/SLQ-32(V)	X	0001			EW EQUIPMENT ROOM		J-3593A
		1	Rotary Switch	SYM 2188		0001			EW EQUIPMENT ROOM		SYM 2188
		1	Terminal Box	SYM 433.1		0001			EW EQUIPMENT ROOM		SYM 433.1
		1	Transformer Bank			0001			EW EQUIPMENT ROOM		TRANSFOR
		1	Two Dial Indicator Light	SYM 2816.1		0001		1321K	COMBAT INFORMATION CENTER		SYM 2816.1

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Configuration

Communications Management

- Command and Control
- EW and Air Navigation
- Weapon Systems

SYSTEMS:

Command and Surveillance

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S)
- INTRQTR SYS (S)
- AN/APX-72
- AN/UPA-58
- AN/SPQ-14(V)

EW and Air Navigation

- AN/SLQ-32A(V)3
- AN/ULQ-18(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MG

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List INTERFACES

Systems Equipment

References History Alterations Notes

POWER

VOLTS	HZ	PHASE	TYPE	AMPS	VA	PF	OP COND
-	-	-	-	-	-	-	-

HEAT TO AIR

WATTS	INLET LOC	INLET FLOW	OUTLET LOC	OUTLET FLOW
-	-	-	-	-

HEAT TO COOLANT

WATTS	GPM	TYPE	PRESS DROP	MAX PRESS	INLET TEMP
-	-	-	-	-	-

COMPRESSED GAS

TYPE	FLOW	INLET PRESS	VOLUME	INLET TEMP
-	-	-	-	-

PHYSICAL DATA

SIZE IN INCHES			CG PLANE			CLEARANCE IN INCHES						MOUNTING	
W	H	D	X	Y	Z	T	F	R	B	LH	RH	TYPE	FACE
-	-	-	-	-	-	-	-	-	-	-	-	-	-

EQUIPMENT ASSOCIATIONS

OPERATOR STATION	IC CIRCUIT(S)	ACCESSORIES
-	-	-

External Interface Detailed Information

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Communications Management

- Command and Control Systems
- EW and Air Navigation
- Weapon Systems

SYSTEMS:

Command and Surveillance

- [AN/SPS-40E](#)
- [AN/SPS-67\(V\)1](#)
- [FURUNO FCR-14](#)
- [INTRQTR SYS \(S\)](#)
- [INTRQTR SYS \(S\)](#)
- [AN/APX-72](#)
- [AN/WPA-59](#)
- [AN/SPQ-14\(V\)](#)

EW and Air Navigation

- [AN/SLQ-32A\(V\)3](#)
- [AN/ULQ-16\(V\)2](#)
- [AN/SLA-10B](#)
- [AN/SLQ-25A](#)
- [LS MK 36/6](#)
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- [TACAN SYSTEM](#)

Weapon Systems

- [CIWS MK 15/12](#)
- [M2 HB MGS](#)

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List INTERFACES References History Alterations Notes

Systems AN/ULQ-16(V)2 AN/SLA-10B LS MK 36/6 DISTRIBUTION SYSTEM SHIP SUPPORT

VOLTS HZ PHASE TYPE VA PF OP COND

HEAT TO AIR

WATTS INLET LOC INLET FLOW OUTLET LOC OUTLET FLOW

HEAT TO COOLANT

WATTS GPM TYPE PRESS DROP MAX PRESS INLET TEMP

COMPRESSED GAS

TYPE FLOW INLET PRESS VOLUME INLET TEMP

PHYSICAL DATA

SIZE IN INCHES CG PLANE CLEARANCE IN INCHES MOUNTING

W H D X Y Z T F R B LH RH TYPE FACE

EQUIPMENT ASSOCIATIONS

OPERATOR STATION IC CIRCUIT(S) ACCESSORIES

Internet zone

Configuration

Communications Man

- Command and S
- EW and Air Navig
- Weapon Systems

SYSTEMS:

Command and Surve

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRGTR SYS (S
- INTRGTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigati

- AN/SLQ-32A(V)3
- AN/ULQ-16(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MGS

Countermeasures Set AN/SLQ-32A(V)3

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INTERFACES

LS MK 36/6

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PHYSICAL INTERFACES

AN/SLQ-32A(V)3 // LS MK 36/6 INTERFACES



INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABLE TYPE CABLE NO.	MEDIA NETWORK	DESTINATION		
				COMPONENT ITEM NUMBER	TERM.	CONN.			COMPONENT ITEM NUMBER	TERM.	CONN.
1	CONTROL	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	
1	FIRING ORDER	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	

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Communications Ma

- Command and S
- EW and Air Navig
- Weapon Systems

SYSTEMS:

Command and Surve

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRGTR SYS (S
- INTRGTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigati

- AN/SLQ-32A(V)3
- AN/UJLQ-16(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MGS

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List INTERFACES References History Alterations Notes

LS MK 36/6 Equipment

OJ-446C (0001) 4 MK 160/1 LCHR PS (0004)

INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABLE TYPE CABLE NO.	MEDIA NETWORK	DESTINATION		
				COMPONENT ITEM NUMBER	TERM.	CONN.			COMPONENT ITEM NUMBER	TERM.	CONN.
1	CONTROL	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	
1	FIRING ORDER	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	
1	STATUS	A		MK 160/1 LCHR PS (0001)	TB			Copper	OJ-446C (0001)	J2	
2	CONTROL	A		OJ-446C (0001)	J3			Copper	MK 160/1 LCHR PS (0002)	TB	
2	FIRING ORDER	A		OJ-446C (0001)	J3			Copper	MK 160/1 LCHR PS (0002)	TB	
2	STATUS	A		MK 160/1 LCHR PS (0002)	TB			Copper	OJ-446C (0001)	J3	
3	CONTROL	A		OJ-446C (0001)	J4			Copper	MK 160/1 LCHR PS (0003)	TB	
3	FIRING ORDER	A		OJ-446C (0001)	J4			Copper	MK 160/1 LCHR PS (0003)	TB	
3	STATUS	A		MK 160/1 LCHR PS (0003)	TB			Copper	OJ-446C (0001)	J4	
4	CONTROL	A		OJ-446C (0001)	J5			Copper	MK 160/1 LCHR PS (0004)	TB	
4	FIRING ORDER	A		OJ-446C (0001)	J5			Copper	MK 160/1 LCHR PS (0004)	TB	
4	STATUS	A		MK 160/1 LCHR PS (0004)	TB			Copper	OJ-446C (0001)	J5	

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Configuration

Communications Ma

- Command and S
- EW and Air Navig
- Weapon Systems

SYSTEMS:

Command and Surv

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S
- INTRQTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigati

- AN/SLQ-32A(V)8
- AN/ULQ-18(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CWWS MK 15/12
- M2 HB MGS

Countermeasures Set AN/SLQ-32A(V)3

General Description Block Diagram Equipment List

LS MK 36/6

INTERFACES

Equipment

- HD-1054A (0001)
- J-3593A (0001)
- MONITOR (0001)
- MT-6066 (0001)
- MT-6066 (0002)
- OJ-446C (0001)
- SYM 2188 (0001)
- SYM 2816.1 (0001)
- SYM 433.1 TERM BOX (0001)
- SYM 799 FOOTSWITCH (0001)
- TRANSFORMER BANK (0001)

References History Alterations Notes

OJ-446C (0001) 4 MK 160/M LCHR PS

INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABIN	CABLE	NETWORK	DIRECTION		
				COMPONENT ITEM NUMBER	TERM.	CONN.				ITEM NUMBER	TERM.	CONN.
1	CONTROL	A		OJ-446C (0001)	J2				Copper	MK 160/M LCHR PS (0001)	TB	
1	FIRING ORDER	A		OJ-446C (0001)	J2				Copper	MK 160/M LCHR PS (0001)	TB	
1	STATUS	A		MK 160/M LCHR PS (0001)	TB				Copper	OJ-446C (0001)	J2	
2	CONTROL	A		OJ-446C (0001)	J3				Copper	MK 160/M LCHR PS (0002)	TB	
2	FIRING ORDER	A		OJ-446C (0001)	J3				Copper	MK 160/M LCHR PS (0002)	TB	
2	STATUS	A		MK 160/M LCHR PS (0002)	TB				Copper	OJ-446C (0001)	J3	
3	CONTROL	A		OJ-446C (0001)	J4				Copper	MK 160/M LCHR PS (0003)	TB	
3	FIRING ORDER	A		OJ-446C (0001)	J4				Copper	MK 160/M LCHR PS (0003)	TB	
3	STATUS	A		MK 160/M LCHR PS (0003)	TB				Copper	OJ-446C (0001)	J4	
4	CONTROL	A		OJ-446C (0001)	J5				Copper	MK 160/M LCHR PS (0004)	TB	
4	FIRING ORDER	A		OJ-446C (0001)	J5				Copper	MK 160/M LCHR PS (0004)	TB	
4	STATUS	A		MK 160/M LCHR PS (0004)	TB				Copper	OJ-446C (0001)	J5	

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Countermeasures Set AN/SLQ-32A(V)3

General Description	Block Diagram	Equipment List	INTERFACES LS MK 36/6 OJ-446C (0001)	References History Alterations Notes
-------------------------------------	-------------------------------	--------------------------------	--	---

SYSTEMS:

Command and Surveillance

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S
- INTRQTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigation

- AN/SLQ-32A(V)3
- AN/ULQ-18(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB MGS

SYSTEM CONNECTIONS FOR
Display Console OJ-446C/SLQ-32(V)
(0001)

EQUIPMENT CONNECTIONS DIAGRAM LEGEND

Internal Connections Current Equipment External Connections

CY-772A (0001)	1	OJ-446C (0001)	2	CY-772A (0001)
H-157 (0001)	3		4	J-3593A (0001)
SYM 799 FOOTSWITCH (0001)	5		1	LS MK 36/6 MK 160/1 LCHR PS (0001)
LS MK 36/6 MK 160/1 LCHR PS (0002)	2		3	LS MK 36/6 MK 160/1 LCHR PS (0003)

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Configuration

Communications Ma

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SYSTEMS:

Command and Surv

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S
- INTRQTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigati

- AN/SLQ-32A(V)8
- AN/ULQ-18(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CWWS MK 15/12
- M2 HB MGS

Launching System Mk 36 Mod 6

General Description Block Diagram Equipment List

INTERFACES

Systems Equipment

References History Alterations Notes

SYSTEM CONNECTIONS FOR
Launcher Power Supply Mk 160 Mod 1
(0001)

EQUIPMENT CONNECTIONS DIAGRAM LEGEND

Internal Connections Current Equipment External Connections

FIRING ALARM HORN (0001) 1 **MK 160/1 LCHR PS (0001)** 2 **MK 137/2 LCHR (0001)**

MK 164/2 BRDG LCHR (0001) 3 **MK 160/1 LCHR PS (0001)** 4 **SRBOC CIRCUIT BRKR (0001)**

SYM 860 (0001) 5 **MK 160/1 LCHR PS (0001)** 1 **AN/SLQ-32A(V)3 OJ-446C (0001)**

INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABLE TYPE CABLE NO.	MEDIA NETWORK	DESTINATION		
				COMPONENT ITEM NUMBER	TERM.	CONN.			COMPONENT ITEM NUMBER	TERM.	CONN.
1	ALARM	A		MK 160/1 LCHR PS (0001)				Copper	FIRING ALARM HORN (0001)		

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Configuration

Communications Ma

- Command and S
- EW and Air Navig
- Weapon Systems

SYSTEMS:

Command and Surve

- AN/SPS-40E
- AN/SPS-67(V)1
- FURUNO FCR-14
- INTRQTR SYS (S
- INTRQTR SYS (S
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)

EW and Air Navigati

- AN/SLO-32A(V)3
- AN/ULQ-18(V)2
- AN/SLA-10B
- AN/SLO-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM

Weapon Systems

- CIWS MK 15/12
- M2 HB M&S

Launching System Mk 36 Mod 6

General Description		Block Diagram		Equipment List		INTERFACES		References			
						Systems	Equipment	History Alterations Notes			
2	CONTROL	A		MK 160/1 LCHR PS (0001)			Copper	MK 137/2 LCHR (0001)			
2	FIRING ORDER	A		MK 160/1 LCHR PS (0001)			Copper	MK 137/2 LCHR (0001)			
2	POWER	A		MK 160/1 LCHR PS (0001)			Copper	MK 137/2 LCHR (0001)			
2	STATUS	A		MK 137/2 LCHR (0001)			Copper	MK 160/1 LCHR PS (0001)			
3	ALARM	A		MK 164/2 BRDG LCHR (0001)			Copper	MK 160/1 LCHR PS (0001)			
3	CONTROL	A		MK 164/2 BRDG LCHR (0001)			Copper	MK 160/1 LCHR PS (0001)			
3	FIRING ORDER	A		MK 164/2 BRDG LCHR (0001)			Copper	MK 160/1 LCHR PS (0001)			
3	STATUS	A		MK 160/1 LCHR PS (0001)			Copper	MK 164/2 BRDG LCHR (0001)			
INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABLE TYPE	MEDIA	DESTINATION		
				COMPONENT ITEM NUMBER	TERM.	CONN.	CABLE NO.	NETWORK	COMPONENT ITEM NUMBER	TERM.	CONN.
4	POWER 440V,60HZ,1PH	A		SRBOC CIRCUIT BRKR (0001)				Copper	MK 160/1 LCHR PS (0001)		
4	POWER 440V,60HZ,1PH	A		SRBOC CIRCUIT BRKR (0001)				Copper	MK 160/1 LCHR PS (0001)		
5	ALARM	A		SYM 860 (0001)				Copper	MK 160/1 LCHR PS (0001)		
1	CONTROL	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	
1	FIRING ORDER	A		OJ-446C (0001)	J2			Copper	MK 160/1 LCHR PS (0001)	TB	
1	STATUS	A		MK 160/1 LCHR PS (0001)	TB			Copper	OJ-446C (0001)	J2	

Bridge Launcher Control Mk 164 Mod 2 (0001)

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[and Air Navigati](#)
[AN/SLQ-32A\(V\)3](#)
[AN/ULQ-16\(V\)2](#)
[AN/SLA-10B](#)
[AN/SLQ-25A](#)
[LS MK 36/6](#)
[PLS MK 50/1](#)
[ACAN SYSTEM](#)
[pon Systems](#)
[CWS MK 15/12](#)
[M2 HB MGS](#)

Launching System Mk 36 Mod 6

[General Description](#)
[Block Diagram](#)
[Equipment List](#)

INTERFACES

Systems

Equipment

[References](#)
[History](#)
[Alterations](#)
[Notes](#)

SYSTEM CONNECTIONS FOR

5.125" Launcher Mk 137 Mod 2 (0001)

EQUIPMENT CONNECTIONS DIAGRAM LEGEND

Internal Connections Current Equipment External Connections



INDEX	FUNCTION NAME CHARACTERISTIC	TYPE	SYMBOL	SOURCE			CABLE TYPE CABLE NO.	MEDIA NETWORK	DESTINATION		
				COMPONENT ITEM NUMBER	TERM.	CONN.			COMPONENT ITEM NUMBER	TERM.	CONN.
1	CONTROL	A		MK 160/1 LCHR PS (0001)				Copper	MK 137/2 LCHR (0001)		
1	FIRING ORDER	A		MK 160/1 LCHR PS (0001)				Copper	MK 137/2 LCHR (0001)		
1	POWER	A		MK 160/1 LCHR PS (0001)				Copper	MK 137/2 LCHR (0001)		
1	STATUS	A		MK 137/2 LCHR (0001)				Copper	MK 160/1 LCHR PS (0001)		

LCC 19 Functions, Parameters and Characteristics Listing Preliminary FY99 Issue 1 XXX-XXXXXXXX 1 - Microsoft Internet Explorer

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Address http://199.171.148.181/commandships/lcc19/lcc_19_preliminary_fy99_issue_1/tsim/lcc_19_preliminary_fy99_issue_1/fpac/tpacpage.htm Links

Launching System Mk 36 Mod 6

General Description	Block Diagram	Equipment List	INTERFACES Systems Equipment	References History Alterations Notes
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Mon Apr 26 13:32:57 EDT 1999

REFERENCE MATERIAL

REFERENCES:

Launching System Mk 36 Mod 6

- SW393-A1-MMM-010; Technical Manual for Launching System, Mk 36 Mods 1 Through 12

Countermeasures Set AN/SLQ-32A(V)3

- 807-5035918; Countermeasures Set, AN/SLQ-32A(V)3 Drawing List
- 807-5037011; Countermeasures Set, AN/SLQ-32A(V)3 Block Diagram
- 807-5037015; Countermeasures Set, AN/SLQ-32A(V)3 Cable Running Sheets
- 807-5037016; Countermeasures Set, AN/SLQ-32A(V)3 RF Transmission Line Diagram
- 807-5037017; Countermeasures Set, AN/SLQ-32A(V)3 Summary List of Installation Material
- SE400-M3-MMO-010/110; Technical Manuals for Countermeasures Set, AN/SLQ-32A(V)3

Ship Support

- To be supplied.

Left Sidebar:

- INTRUSION SYS (S)
- INTRUSION SYS (S)
- AN/APX-72
- AN/UPA-59
- AN/SPQ-14(V)
- EW and Air Navigation
- AN/SLQ-32A(V)3
- AN/ULQ-16(V)2
- AN/SLA-10B
- AN/SLQ-25A
- LS MK 36/6
- DLS MK 50/1
- TACAN SYSTEM
- Weapon Systems
- CHWS MK 15/12
- M2 HB MGs
- MK 38/0 MGs
- Locations
- CHART ROOM
- CIC
- WS LCL CONT
- CHWS LCL CONT
- EW EQUIPMENT
- IC & GYRO ROOM
- IC & GYRO ROOM
- MK 56 GFCS RM
- MK 56 GFCS RM
- NIXIE EQPT RM

Internet zone

LCC 19 - CIC Display and Decision - Microsoft Internet Explorer

Links

 Internet zone

- Weapon Systems**
- CIWS MK 15/12
 - M2 HB MGS
 - MK 38/D MGS
- Locations**
- CHART ROOM
 - CIC
 - CIWS LCL CONT
 - CIWS LCL CONT
 - EW EQUIPMENT
 - IC & GYRO ROOM
 - IC & GYRO ROOM
 - MK 56 GFCS RM
 - MK 56 GFCS RM
 - NIXIE EQPT RM
 - NIXIE WINCH RM
 - PILOT HOUSE
 - RDR RM NO. 1
 - RDR RM NO. 2
 - TOPSIDE
 - TOPSIDE (PORT)
 - TOPSIDE (STBD)
 - VARIOUS LOCATIONS
- Alterations**
- SWBS Codes**
- Equipment**
- TSIMS Volume 3: FPAC

Wed Apr 21 15:11:05 EDT 1999

NUMBER
S/A 1091-3
S/A 1286K
S/A 1321K

http://199.171.148.181/commandships/lcc19/lcc_19_preliminary_fy99_issue_1/sa1286k.pdf - Microsoft Internet Explorer

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Address http://199.171.148.181/commandships/lcc19/lcc_19_preliminary_fy99_issue_1/sa1286k.pdf

NAVAL SEA SYSTEMS COMMAND
ARLINGTON, VA 22242-5160

SHIP ALTERATION RECORD

SHIPALT BRIEF

ESWBS:

ASDS INSTALLATION

3-M NOUN NAME	FIN. NO.	TYPE	CLASS	NUMBER	INCR.	REV
ASDS		LCC	0019	1286	.00	00

TYPE OF ALTERATION ☐ TECHNICAL ☐ MILITARY

SPECIAL CATEGORY/PROGRAM

SYSCOM TPOC YVETTE TANOUS ☐ ORIG TELEPHONE (703) 602-2547 CODE/ACTIVITY NAVSEA 05K416

PLANNING YARD TPOC ☐ ORIG TELEPHONE CODE/ACTIVITY

PLANNING YARD APPROVAL TITLE CODE/ACTIVITY DATE

NAVAIR/SPAWAR/OTHER (TECH. & LOG.) APPROV. TITLE CODE/ACTIVITY DATE

ENG. DIR. (TECHNICAL & LOGISTICS) APPROV. TITLE CODE/ACTIVITY DATE

SHIP PROGRAM MANAGER APPROVAL TITLE CODE/ACTIVITY DATE

B. DURHAM PURPOSE FMS 377F4 APPLICABLE SHIPS TITLE CATEGORY

LCC 0019

This SHIPALT provides for the installation of the Advanced Sensor Distribution System (ASDS) on the LCC 19. The ASDS System provides for the distribution and display of tactical

Page 1 of 14 51% 17 x 22 in

Done Internet zone

Design Environment

How It Works

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Design Environment Structure

- **Facilitates Reuse of Design Data**
- **Provides Security at Multiple Levels**
- **Entire Community Validates Quality of Data**
- **Optimizes Data Availability**
- **Maximizes Use of Engineering Time**
- **Creates a Virtual Design Site for Multiple Classes**
- **Makes Possible Integrated Engineering for the 21st Century**

Current

Science & Tech

New

Science & Tech

System

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Systems
Engineering

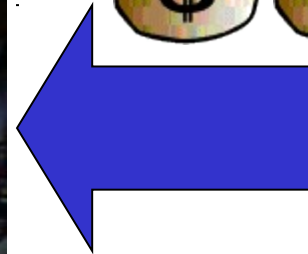
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Communication
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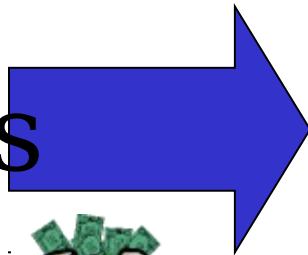
Team Results

- JCF/SARs Generated Early in Process
- Short Turn-around for Design Publication
- Internet accessibility to Design Output
- LAN access to Engineering Environment
- Increased Design Development Flexibility
- NAVSEA/SPAWAR/NAVAIR receive Return On Investment through increased efficiency
- Improved Service to Our Customer
- Application from Design to Deck Plate
- Configuration Control



This?

Or This



Briefing Goals

- Committees' concurrence on design approach
- Recommendation to Adopt the Design Environment for All Navy Ships
- Committees' Recommendation for SAR Signature Approval
- Process Approval as Navy Policy